



FileEditSelectionViewGoRunTerminalHelp

• program2.cpp - New folder (2) - Visual Studio Code

EXPLORER

NEW FOLDER (2)

- a.cpp
- a.exe
- aniket
- anikett
- Aniks.py
- cd
- đo`ya
- file1.txt
- file2.txt
- prgm1.c
- prgm1.exe
- prog4fs.cpp
- prog4fs.exe
- program2.cpp
- python
- student.txt

a.cppAniks.pyprgm1.cprog4fs.cppprogram2.cpp

program2.cpp > main()

```
26     strcat(buffer,p.branch);
27     strcat(buffer,"|");
28     int x=strlen(buffer);
29     for(int j=0;j<45-x;j++)
30     strcat(buffer,"!");
31     cout<<buffer;
32     fp1<<buffer<<endl;
33     fp1.close();
34
35 }
36
37 void write()
38 {
39     cout<<"Enter the name\n";
40     cin>>t.name;
41     cout<<"Enter the usn\n";
42     cin>>t.usn;
43     cout<<"Enter the age\n";
44     cin>>t.age;
45     cout<<"Enter the sem\n";
46     cin>>t.sem;
47     cout<<"Enter the branch\n";
48     cin>>t.branch;
49     pack(t);
50 }
51 void unpack()
```

PROBLEMSOUTPUTTERMINALDEBUG CONSOLE

1: powershell

PS C:\Users\hp\OneDrive\Desktop\New folder (2)>

Ln 125, Col 2Spaces: 4UTF-8CRLFC++Win32

0 0 0Live Share

Type here to search

40

ENG IN5:47 PM5/12/2021

File Edit Selection View Go Run Terminal Help • program2.cpp - New folder (2) - Visual Studio Code

EXPLORER

NEW FOLDER (2)

- a.cpp
- a.exe
- aniket
- anikett
- Aniks.py
- cd
- đo'ya
- file1.txt
- file2.txt
- prgm1.c
- prgm1.exe
- prog4fs.cpp
- prog4fs.exe
- program2.cpp
- python
- student.txt

program2.cpp > main()

```
50 }
51 void unpack()
52 {
53     fp1.open("hello1.txt",ios::in);
54     for(i=0;i<count;i++)
55     {
56         fp1.getline(buffer,100);
57         sscanf(buffer,"%[^|]|%[^|]|%[^|]|%[^|]|%[^|]|",s[i].name,s[i].usn,s[i].age,s[i].sem,s[i].branch);
58     }
59     fp1.close();
60 }
61 void display()
62 {
63     if(count==0)
64     {
65         cout<<"\nNo records\n";
66         return;
67     }
68     cout<<"\n name\t usn\t age\t sem\t branch\n";
69     for(i=0;i<count;i++)
70     cout<<s[i].name<<"\t"<<s[i].usn<<"\t"<<s[i].age<<"\t"<<s[i].sem<<"\t"<<s[i].branch<<endl;
71 }
72 void search()
73 {
74     cout<<"Enter the usn\n";
75     cin>>temp;
76     for(i=0;i<count;i++)
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE 1: powershell

PS C:\Users\hp\OneDrive\Desktop\New folder (2)>

Ln 125, Col 2 Spaces: 4 UTF-8 CRLF C++ Win32

0 0 0 Live Share

Type here to search

40 ENG IN 5:47 PM 5/12/2021

File Edit Selection View Go Run Terminal Help • program2.cpp - New folder (2) - Visual Studio Code

EXPLORER

NEW FOLDER (2)

- a.cpp
- a.exe
- aniket
- anikett
- Aniks.py
- cd
- đo'ya
- file1.txt
- file2.txt
- prgm1.c
- prgm1.exe
- prog4fs.cpp
- prog4fs.exe
- program2.cpp
- python
- student.txt

program2.cpp > main()

```
73 {
74     cout<<"Enter the usn\n";
75     cin>>temp;
76     for(i=0;i<count;i++)
77         if(!strcmp(s[i].usn,temp))
78         {
79             cout<<"Record found\n"<<s[i].name<<"\t"<<s[i].usn<<"\t"<<s[i].age<<"\t"<<s[i].sem<<"\t"<<s[i].bran
80             break;
81         }
82     if(i==count)
83         cout<<"Record not found";
84 }
85 void modify()
86 {
87     if(i==count)
88         return;
89     cout<<"Enter new values\n Enter name :";
90     cin>>s[i].name;
91     cout<<"Enter usn :";
92     cin>>s[i].usn;
93     cout<<"Enter age :";
94     cin>>s[i].age;
95     cout<<"Enter sem :";
96     cin>>s[i].sem;
97     cout<<"Enter branch :";
98     cin>>s[i].branch;
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE 1: powershell

PS C:\Users\hp\OneDrive\Desktop\New folder (2)>

Ln 125, Col 2 Spaces: 4 UTF-8 CRLF C++ Win32

Type here to search

40 ENG IN 5:48 PM 5/12/2021

File Edit Selection View Go Run Terminal Help • program2.cpp - New folder (2) - Visual Studio Code

EXPLORER

NEW FOLDER (2)

- a.cpp
- a.exe
- aniket
- anikett
- Aniks.py
- cd
- ðo`ya
- file1.txt
- file2.txt
- prgm1.c
- prgm1.exe
- prog4fs.cpp
- prog4fs.exe
- program2.cpp
- python
- student.txt

program2.cpp

```
100 // Remove the file if it exists
101 fp1.open("hello1.txt",ios::out);
102 fp1.close();
103 for(int j=0;j<count;j++)
104     pack(s[j]);
105 }
106 int main()
107 {
108     int c;
109     //clrscr();
110     fp1.open("hello1.txt",ios::out);
111     fp1.close();
112     while(1)
113     {
114         cout<<"\n1.Write\n 2.Display\n 3.Search\n 4.Modify\n 5.Exit\n Enter your choice\n";
115         cin>>c;
116         switch(c)
117         {
118             case 1:count++;write();break;
119             case 2:unpack();display();break;
120             case 3:unpack();search();break;
121             case 4:unpack();search();modify();break;
122             default:exit(0);
123         }
124     }
125 }
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

1: powershell

PS C:\Users\hp\OneDrive\Desktop\New folder (2)>

Ln 125, Col 2 Spaces: 4 UTF-8 CRLF C++ Win32

0 0 0 Live Share

Type here to search

40 ENG IN 5:48 PM 5/12/2021

Visual Studio Code interface showing a C++ program being executed in a terminal.

Explorer Panel: NEW FOLDER (2)

- a.cpp
- a.exe
- aniket
- anikett
- Aniks.py
- cd
- đo`ya
- file1.txt
- file2.txt
- hello1.txt
- prgm1.c
- prgm1.exe
- prog4fs.cpp
- prog4fs.exe
- program2.cpp**
- program2.exe
- python
- student.txt

Terminal Panel: 1: g++

```
Try the new cross-platform PowerShell https://aka.ms/pscore6
cd "c:\Users\hp\OneDrive\Desktop\New folder (2)" ; if ($?) { g++ program2.cpp
-o program2 } ; if ($?) { .\program2 }lder (2)>

1.Write
2.Display
3.Search
4.Modify
5.Exit
Enter your choice
1
Enter the name
ANIKET
Enter the usn
015
Enter the age
20
Enter the sem
6
Enter the branch
ISE
ANIKET|015|20|6|ISE|!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
1.Write
2.Display
3.Search
4.Modify
5.Exit
Enter your choice
1
Enter the name
ANISH
Enter the usn
018
Enter the age
20
Enter the sem
```

Status Bar: Ln 125, Col 2 Tab Size: 4 UTF-8 CRLF C++ Win32

Taskbar: Windows Start button, Search bar (Type here to search), Taskbar icons (File Explorer, Chrome, VS Code, etc.), System tray (35, 6:09 PM 5/12/2021).

FileEditSelectionViewGoRunTerminalHelp

program2.cpp - New folder (2) - Visual Studio Code

1: g++

EXPLORER

NEW FOLDER (2)

- a.cpp
- a.exe
- aniket
- anikett
- Aniks.py
- cd
- ðo`ya
- file1.txt
- file2.txt
- hello1.txt
- prgm1.c
- prgm1.exe
- prog4fs.cpp
- prog4fs.exe
- program2.cpp
- program2.exe
- python
- student.txt

OUTLINE

PROBLEMS

OUTPUT

TERMINAL

DEBUG CONSOLE

```
Enter the name
ANISH
Enter the usn
018
Enter the age
20
Enter the sem
6
Enter the branch
ISE
ANISH|018|20|6|ISE|!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
1.Write
2.Display
3.Search
4.Modify
5.Exit
Enter your choice
2

  name    usn    age    sem    branch
ANIKET  015    20     6     ISE
ANISH   018    20     6     ISE

1.Write
2.Display
3.Search
4.Modify
5.Exit
Enter your choice
4
Enter the usn
015
Record found
ANIKET  015    20     6     ISE
Enter new values
Enter name :ANIKET
```

Ln 125, Col 2

Tab Size: 4

UTF-8

CRLF

C++

Win32

ENG IN

6:10 PM

5/12/2021

Type here to search

FileEditSelectionViewGoRunTerminalHelp

program2.cpp - New folder (2) - Visual Studio Code

1: g++

EXPLORER

NEW FOLDER (2)

- a.cpp
- a.exe
- aniket
- anikett
- Aniks.py
- cd
- õõ`ya
- file1.txt
- file2.txt
- hello1.txt
- prgm1.c
- prgm1.exe
- prog4fs.cpp
- prog4fs.exe
- program2.cpp
- program2.exe
- python
- student.txt

OUTLINE

PROBLEMS

OUTPUT

TERMINAL

DEBUG CONSOLE

```
2.Display
3.Search
4.Modify
5.Exit
Enter your choice
2

name    usn    age    sem    branch
ANIKET  015    20     6      ISE
ANISH   018    20     6      ISE

1.Write
2.Display
3.Search
4.Modify
5.Exit
Enter your choice
4
Enter the usn
015
Record found
ANIKET  015    20     6      ISE
Enter new values
Enter name :ANIKET
Enter usn :015
Enter age :21
Enter sem :6
Enter branch :ISE
ANIKET|015|21|6|ISE|!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!ANISH|018|20|6|ISE|!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
1.Write
2.Display
3.Search
4.Modify
5.Exit
Enter your choice
```

Ln 125, Col 2

Tab Size: 4

UTF-8

CRLF

C++

Win32

35

ENG IN

6:10 PM

5/12/2021

Type here to search